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ADF11-A-D2-3-40 Digital Amplifier Plug Version for Single Solenoid Proportional Valves

CONTENT

The amplifier can be mounted in the proportional valve directly, and the plug conforms to EN175301-803.The proportional class is IP-65. The amplifier has the function of anti-splash water and its connection mode is so simple that no professional tools are needed when put into use; it also matches proportional solenoid valve with different resistance and models for it sets convenient operation parameter.



ORDERING DETAILS

ADF 11 A D2 3 40

Series code
ADF = Amplifier plug version for single solenoid proportional valve

Model number code
11

A = Connection terminal
B = Cable output

Power output
D2 = DC24V

Input set data
3 = 0~10 VD

Serial number

TECHNICAL DATA

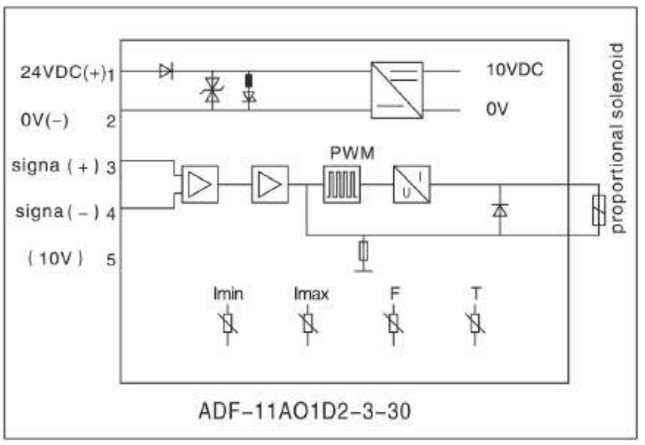
Applications for the Followings

Model of proportional valve	Rated pressure (V)	Resistance value (ohm)	Maximum current setting(mA)
DBET	24	19.5	800
	12	4.5	1500
KBCG	12	7.5	1600
EDG	12	10~13	800

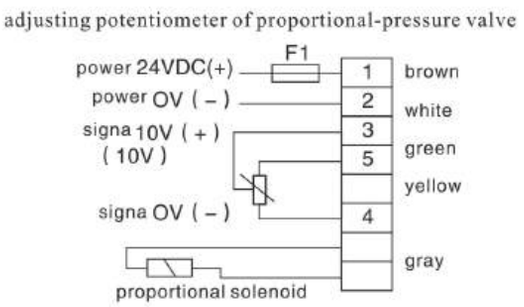
Electrical Technical Specifications

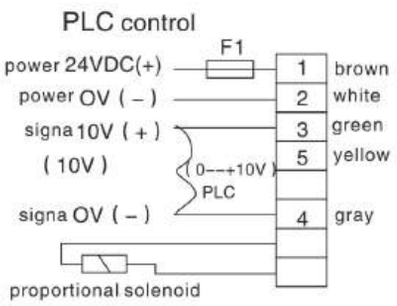
Power voltage	24VDC±10%
Input set data	0~10VDC
Input impedance	≥100Kohm
Output stabilivolt	10VDC maximum load 2mA
Flutter signal	200Hz
Solenoid current	0~1600mA
No-load power consumption	0.3W
Minimum current I_{min}	0~600mA (adjustable)
Maximum current I_{max}	0~1600mA (adjustable)

【structure diagram】

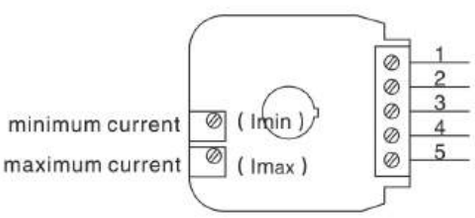


【demonstration connection】

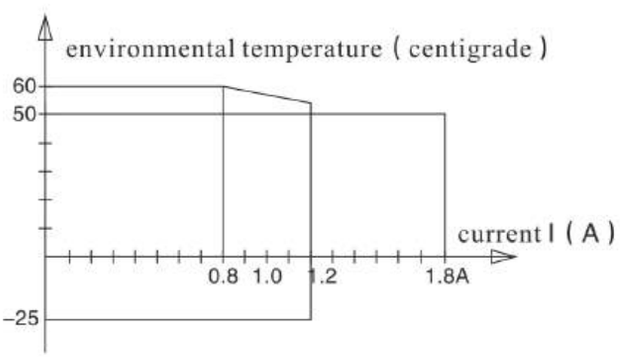




【parameter set】



【maximum environmental temperature】



[starting current Imin and maximum current Imax adjustment]

adjust the I min potentiometer to make the solenoid current be adjusted to the minimum output value which customer demand.

adjust the I max potentiometer to make the solenoid current be adjusted to the minimum output value which customer demand.

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UNIT DIMENSIONS

